

According to (G.S. 130A-309.09D(b)) completed forms must be returned by August 1, 2014 and a copy of this report must be sent to the County Manager of each county from which waste was received. If you have questions or require assistance in completing this report, contact your Regional Environmental Senior Specialist.

Facility Name: L & L Environmental Services LLC

Permit: 0405-Compost 2014

Physical Address		Mailing Address	
Street 1: 2323 Diggs Road		Street 1: 2323 Diggs Road	
Street 2:		Street 2:	
City: Wadesboro	County: Anson	City: Wadesboro	
State: North Carolina	Zip: 28170	State: North Carolina	Zip: 28170
Primary Facility Contact Person		Billing Contact Person	
Name: Clayton & Ronnie Oaks		Name: Pat Oaks	
Phone: (704) 883-6484	Fax: (704) 332-0955	Phone: (704) 332-0911	Fax: (704) 332-0955
Email: llenviro@att.net		Email: llenviro@att.net	

1. Tipping Fee: \$0.00 per Ton (Attach a schedule of tipping fees if appropriate.)

2. Did your facility stop receiving waste during this past Fiscal Year? ☐ Yes ☒ No

If so, please report the date this occurred: _____

3. Please attach results of monthly temperature monitoring for the period of July 1, 2013 thru June 30, 2014.

4. For Type II, III, and IV facilities, attach results of tests (Waste Analysis with metals, foreign matter and pathogens) as required in Table 3 of Rule 15A NCAC 13B .1408 for the period of July 1, 2013 thru June 30, 2014. **Current Rules state that "Compost shall be analyzed at intervals of every 20,000 tons of compost produced or every six months, whichever comes first."**

5. What type and quantity of waste was composted by your facility?

Materials COMPOSTED	Check X if Received	Tons RECEIVED	Tons COMPOSTED	Unusable Tons DISPOSED
Yard Waste	<input checked="" type="checkbox"/>	180	170	
Clean Wood	<input checked="" type="checkbox"/>	160	150	
Sawdust	<input type="checkbox"/>			
Wooden Pallets	<input type="checkbox"/>			
Food Waste	<input type="checkbox"/>			
Animal Waste	<input type="checkbox"/>			
Sludge and Biosolids	<input checked="" type="checkbox"/>	56	56	
Grease Trap Waste	<input checked="" type="checkbox"/>	64	64	
Animal Mortalities	<input type="checkbox"/>			
Sheetrock	<input type="checkbox"/>			
Commingled (Describe)	<input type="checkbox"/>			
Other (Describe)	<input type="checkbox"/>			
Other (Describe)	<input type="checkbox"/>			
Other (Describe)	<input type="checkbox"/>			
TOTAL		460	440	

6. What type and quantity of compost was produced and removed from your facility?

Type	Tons CREATED	Tons USED On Site	Tons SOLD to Public	Tons GIVEN to Public	Tons STOCKPILED	Tons DISPOSED	Other
Mulch							
Grade A Compost							
Grade B Compost	440						
Other							
Other							
TOTAL	440						

7. Indicate waste received at this compost facility during the period of July 1, 2013, through June 30, 2014. Indicate **tonnage** received by COUNTY of waste origin. Please indicate COUNTY and STATE if received from another state.

[illegible]

REMINDER: According to (G.S. 130A-309.09D(b)), this report must be sent to the Regional Environmental Senior Specialist for your area and a copy of this report must be sent to the County Manager of each county from which waste was received.

Please send your completed report to:

Robert Hearn
1646 Mail Service Center
Raleigh, NC 27699-1646
phone: 919.707.8292 email: Robert.Hearn@ncdenr.gov

CERTIFICATION: I certify that the information provided is an accurate representation of the activity at this facility.

Signature:

Chapter 2. On

Date: Jul 30, 2014

Name: Clayton T. Oaks

Title: ORC / Manager

Phone Number: (704) 883-6484

Email: llenviro@att.net

No DATES RO

Windrow/pile temperature monitoring record

Windrow, pile, or cell number I

Date constructed 5-20/5-23/5-26

Ingredients and comments 2 Boxes Sludge approx 3 to 1 C to N - 36T
The more carbon the faster Temp rises
Larger chips work in 2-3 days - with finer leaves and
chips works best - grease gets very hot Total 5 Boxes

SS SS SS Shop 4 boxes

Date	Time	Moisture rating	Odor rating	Temperature (°F)			
				Distance from end of pile			
				25 feet	50 feet	75 feet	100 feet
5-26	0830 AM	50%					
5-27	310 PM			146/133	162/140	149/144	
5-28				155/147	160/153	162/158	
5-29							
5-30	1230 PM						
5-31	845 AM			152/140	136/148	148/105	
6-1	8 AM			138/140	152/154	146/158	
6-2	8 AM			144	156	148	
6-3	8 AM			142/140	156/154	154/154	168/160
6-4	8 AM			150/142	150/156	151/156	124/144
6-5							152/166
6-6				148	149	140	152
6-7	8 AM			152/136	148/142	150/134	158/140
6-8	11 AM			144/136	155/150	155/165	160/178
6-9	205 PM			142/154	152/158	158/156	160/156
6-10	830			156/166	146/132	146/164	142/132
6-11				144/158	156/160	146/147	144/148
6-12							
6-13				142/139	152/146	141/142	138/139
6-14	830 AM			142/152	152/155	140/135	148/138
6-15	8 AM			142/144	145/150	144/142	132/140
6-16	9 AM			142/144	144/149	144/142	138/146
6-17	9 AM			143/146	144/148	144/140	140/140
6-18				144/144	142/148	142/146	145/138
6-19	8 AM			142/144	146/144	139/140	142/140

grease
size to
100 water
T 42

Recorded by windrow, pile, or cell

Windrow/pile temperature monitoring record

Windrow, pile, or cell number II

Date constructed 6-1-6-3

Ingredients and comments Bigger chips from Rockingham -
3 SLABER 1 GT Donos, Cap Woods Hembs

SS SS SS/3 (X5)

Date	Time	Moisture rating	Odor rating	Temperature (°F)			
				Distance from end of pile			
				25 feet	50 feet	75 feet	100 feet
6-4							
6-5				148	144	140	152
6-6				144	140	136	150
6-7				136	142	134	140
6-8				144/136	155/150	155/165	160/177
6-9				152/150	156/148	160/156	160/170
6-10				160/152	164/160	148/146	142/158
6-11				144/144	160/172	144/146	144/160
6-12							
6-13				144/158	160/156	156/150	140/132
6-14				144/146	144/154	152/150	172/174
6-15				132/136	150/162	158/160	172/184
6-16				138/144	146/154	154/163	168/170
6-17				140/148	144/142	152/164	162/166
6-18				142/146	148/141	156/164	160/166
6-19				138/150	154/158	144/140	138/138
6-20							
6-21				140/146	149/158	140/140	144/146
6-22				140/140	144/142	147/147	144/149
6-23				144/140	140/134	154/150	148/149
6-24				144/142	146/136	154/152	150/152
6-25				140/142	146/138	155/152	152/154
6-26							
6-27							
6-28				147/150	136/139	146/156	142/143
				144/154	140/144	148/156	144/144

Recorded by windrow, pile, or cell

Windrow/pile temperature monitoring record

Windrow, pile, or cell number III

Date constructed 4-29-24 3-20-3-25

Ingredients and comments 2 GRASS 2-84% Dots

Date	Time	Moisture rating	Odor rating	Temperature (°F)			
				Distance from end of pile			
				28 feet	58 feet	75 feet	110 feet
<u>3-26</u>		<u>50</u>	<u>4</u>	<u>98</u>	<u>100</u>	<u>92</u>	<u>96</u>
<u>3-27</u>	<u>T</u>						
<u>3-28</u>	<u>T</u>			<u>124/128</u>	<u>129/130</u>	<u>100/115</u>	<u>115/121</u>
<u>3-29</u>	<u>T</u>			<u>136/131</u>	<u>133/134</u>	<u>138/140</u>	<u>136/129</u>
<u>3-30</u>	<u>T</u>			<u>134/140</u>	<u>134/138</u>	<u>138/150</u>	<u>150/150</u>
<u>3-31</u>				<u>148/149</u>	<u>150/155</u>	<u>148/149</u>	<u>151/155</u>
<u>4-1</u>							
<u>4-2</u>	<u>T</u>						
<u>4-3</u>				<u>160/162</u>	<u>159/163</u>	<u>170/168</u>	<u>162/162</u>
<u>4-4</u>	<u>T</u>			<u>161/160</u>	<u>158/160</u>	<u>163/165</u>	<u>160/165</u>
<u>4-5</u>				<u>161/160</u>	<u>158/160</u>	<u>160/165</u>	<u>161/162</u>
<u>4-6</u>	<u>T</u>			<u>170/158</u>	<u>154/150</u>	<u>160/166</u>	<u>155/152</u>
<u>4-7</u>				<u>161/160</u>	<u>150/149</u>	<u>158/166</u>	<u>154/152</u>
<u>4-8</u>	<u>T</u>						
<u>4-9</u>							
<u>4-10</u>	<u>T</u>			<u>155/159</u>	<u>151/149</u>	<u>158/153</u>	<u>150/149</u>
<u>4-11</u>	<u>T</u>			<u>150/150</u>	<u>151/147</u>	<u>158/152</u>	<u>150/139</u>
<u>4-12</u>	<u>T</u>			<u>147/145</u>	<u>146/142</u>	<u>149/140</u>	<u>150/134</u>
<u>4-13</u>	<u>T</u>			<u>145/143</u>	<u>147/141</u>	<u>141/140</u>	<u>148/147</u>
<u>4-14</u>				<u>141/143</u>	<u>144/144</u>	<u>140/138</u>	<u>147/138</u>
<u>4-15</u>							
<u>4-16</u>							
<u>4-17</u>				<u>150/138</u>	<u>148/131</u>	<u>140/138</u>	<u>122/140</u>
<u>4-18</u>				<u>146/136</u>	<u>142/131</u>	<u>140/131</u>	<u>131/131</u>
				<u>139/132</u>	<u>138/130</u>	<u>140/130</u>	<u>120/129</u>

Recorded by windrow, pile, or cell

T-Turned windrow

Windrow/pile temperature monitoring record

Windrow, pile, or cell number 12

Date constructed 5-1-82

Ingredients and comments 3 Gmax 0-4-5

Date	Time	Moisture rating	Odor rating	Temperature (°F)			
				Distance from end of pile			
				25 feet	50 feet	75 feet	100 feet
5-1			0	160/90	125/100	100/100	105/106
5-2	T			116/105	118/116	100/116	120/135
5-3	T			138/140	141/140	150/148	140/138
5-4	T			158/165	141/148	160/170	172/162
5-7	T			168/160	160/160	150/155	170/170
5-8				165/165	158/160	153/154	168/170
5-9	T			164/160	163/164	158/150	168/170
5-10				161/158	161/163	158/155	165/170
5-11	T			155/150	160/160	159/160	170
5-13	T			150/151	161/160	155/150	171/170
5-14	T			140/149	155/158	151/155	165/170
5-16	T			138/141	153/161	156/150	165/155
5-17	T			141/148	150/160	151/160	169/165
				139/140	148/158	150/150	165/168
5-20	T			139/141	150/150	155/160	160/160
5-21				138/139	142/145	141/160	148/149
5-22	T			140/140	141/141	144/150	149/155
5-23				136/141	142/149	148/149	150/150
5-24				138/140	143/140	146/150	150/150

Recorded by windrow, pile, or cell

REPORT OF ANALYSES

Attn: RONNIE OAKS
L&L ENVIRONMENTAL SERVICES LLC
2323 DIGGS ROAD
WADESBORO, NC 28170-

PROJECT NAME: JUN 14
DATE: 07/09/14

SAMPLE NUMBER- 114551 SAMPLE ID- L&L COMPOST
DATE SAMPLED- 06/23/14
DATE RECEIVED- 06/23/14 SAMPLER- CO
TIME RECEIVED- 1530 DELIVERED BY- CO

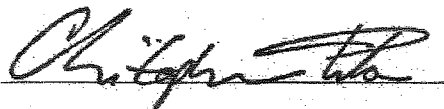
SAMPLE MATRIX- SO

RECEIVED BY- DJ
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
FECAL COLIFORM (GEOM. MEAN)	SM 9221 E	06/24/14		RE	ATTACHED	MPN/g
AMMONIA NITROGEN	EPA 350.1	06/27/14	0915	CT	15.8	ppm
KJELDAHL NITROGEN	SM4500NH3B	07/08/14	0716	CT	2,459	ppm
NITRATE/NITRITE	EPA 353.2	06/26/14	0848	CT	11.2	ppm
TOTAL PHOSPHOROUS	EPA 365.2	07/08/14	0934	CT	2,105	ppm
TOTAL SOLIDS	EPA 160.3	06/25/14	0800	CT	38.7	%
ARSENIC, TOTAL	EPA 200.7	06/26/14	1314	CT	< 0.50	ppm
CADMIUM, TOTAL	EPA 200.7	06/26/14	1314	CT	< 0.50	ppm
CHROMIUM, TOTAL	EPA 200.7	06/26/14	1314	CT	15.8	ppm
COPPER, TOTAL	EPA 200.7	06/26/14	1314	CT	42.1	ppm
MERCURY, TOTAL	EPA 245.2	07/01/14	1220	JL	9.38	ppm
NICKEL, TOTAL	EPA 200.7	06/26/14	1314	CT	5.21	ppm
LEAD, TOTAL	EPA 200.7	06/26/14	1314	CT	9.51	ppm
SELENIUM, TOTAL	EPA 200.7	06/26/14	1314	CT	< 0.50	ppm
ZINC, TOTAL	EPA 200.7	06/26/14	1314	CT	123	ppm

LABORATORY DIRECTOR



PAR

PROMPT • ACCURATE • RELIABLE
LABORATORIES, INC

2217 Graham Park Drive
PO Box 411483
Charlotte, NC 28241-1483
NC Cert # 20; SC Cert # 99003001

CLIENT NAME:	L & L ENVIRONMENTAL
SAMPLE ID:	L & L COMPOST
SAMPLE DATE:	06/23/14
ANALYSIS:	FECAL COLIFORM, GEOMETRIC MEAN
ANALYSIS METHOD:	SM 9221 E

LAB ID #	Sample #	F. Coliform	T. Solids %	FC/ gram
114551	1	< 123	65.88%	< 186.59
	2	455	64.92%	701.40
	3	< 323	65.04%	< 496.61
	4	224	65.70%	341.50
	5	144	65.63%	218.70
	6	< 119	65.25%	< 181.76
	7	< 142	65.67%	< 215.87

Fecal Coliform	LESS THAN
Geometric Mean=	294

* MANMADE INERT AT Less Than 2%
CTO